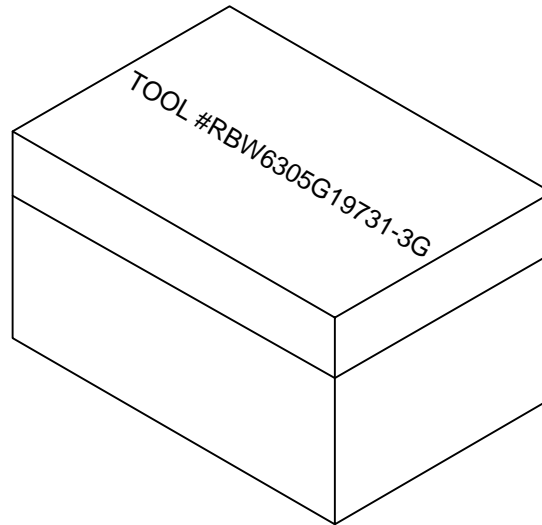


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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -1, -17, -19, -21, -25, -27 BOM INFO. ADDED -29 PER R.W. CH'D -23 FOAM DIM'S, CH'D Ø4.02 DEPTH FROM 2.50 PER R.W. CH'D -25 FOAM DIM'S, CH'D CUTOUT TO RECESS FOR -27 & -29 PER R.W. ADDED TOOL NUMBER & ITEM NUMBER COLUMN -27 PER R.W.	3/24/11	RJC	RW
1A	CH'D -23 Ø4.02 HOLE DEPTH FROM Ø3.50 & CORRECTED SIDE VIEW PER D.W. CH'D Ø3.84 HOLE DEPTH FROM 7.75 & Ø4.69 HOL DEPTH FROM 3.00 TO FIT BETTER.	9/16/11	RJC	DW
1B	CH'D TITLE WAS "MAIN ROTOR DRIVE SEAL REPLACEMENT TOOL KIT" IS "MAIN ROTOR DRIVE TOOL KIT 2". CH'D -1 THRU -19 BOM DESCRIPTION TO MATCH PARTS MANUAL. -27 CH'D TOOL No. -27 & -29 CH'D FROM B/O TO MANUFACTURED.	10/31/13	CFS	RJC
1C	ADDED -33 & -35 TO BOM. -27 CH'D ITEM NUMBERS WAS 9-18 IS 1-10.	5/30/14	DPD	RJC

ASSY QTY	ASSY QTY	B/O	PART #	UNIT QTY	DESCRIPTION	MATERIAL	B/O INFORMATION OR SPECIFICATIONS	Pg.
			-1	1	GUIDE, FAN DRIVE QUILL SEAL HOUSING INSTALLER		RBW6305G19151-3G	2
			-3	1	TOOL, FAN/ECS DRIVE QUILL LIP SEAL INSTALLER		RBW6305G16231-3G	2
			-5	1	PULLER, ROTOR BRAKE ADAPTER FLANGE REMOVER		RBW6305G19231-3G	2
			-7	1	TOOL, ECS DRIVE QUILL SEAL HOUSING REMOVER		RBW6305G18631-3G	2
			-9	1	TOOL, ECS DRIVE QUILL LIP SEAL REMOVER		RBW6305G18331-3G	2
			-11	1	TOOL, DRIVE QUILL SEAL HOUSING REMOVER		RBW6305G16031-3G	2
			-13	1	TOOL, T/R DRIVE QUILL LIP SEAL REMOVER		RBW6305G14831-3G	2
			-15	1	TOOL, T/R DRIVE QUILL SEAL HOUSING REMOVER		RBW6305G14631-3G	2
			-17	1	TOOL, T/R DRIVE QUILL LIP SEAL INSTALLER		RBW6305G15731-3G	2
			-19	1	TOOL, FAN DRIVE QUILL LIP SEAL REMOVER		RBW6305G16831-3G	2
		B/O	-21	1	CASE	PLASTIC	22 x 17 x 9-3/4 PELICAN #APP-1610-E	N/S
		B/O	-23	1	BOTTOM FOAM	Y20 BLACK	8.43 x 17.12 x 22.21 I.R. SPECIALTY FOAM	3
		B/O	-25	1	TOP FOAM	C200 FLAT BLACK	2.04 x 17.12 x 22.21 I.R. SPECIALTY FOAM	4
			-27	1	INSIDE PLACARD	PLASTIC	1/16 x 6-1/2 x 6-3/4	5
			-29	1	TOOL LAYOUT PLACARD	PLASTIC	1/16 x 6-1/2 x 8-3/4	6
		B/O	-31	1	RB PLACARD	ALUMINUM	RB41009 PLACARD	N/S
		B/O	-33	4	RIVET	ALUMINUM	Ø1/8 X 3/8 MCMaster-CARR #97447A130	N/S
		B/O	-35	4	WASHER	ALUMINUM	Ø1/8 MCMaster-CARR #90183A213	N/S
ASSY #								

NOTE:

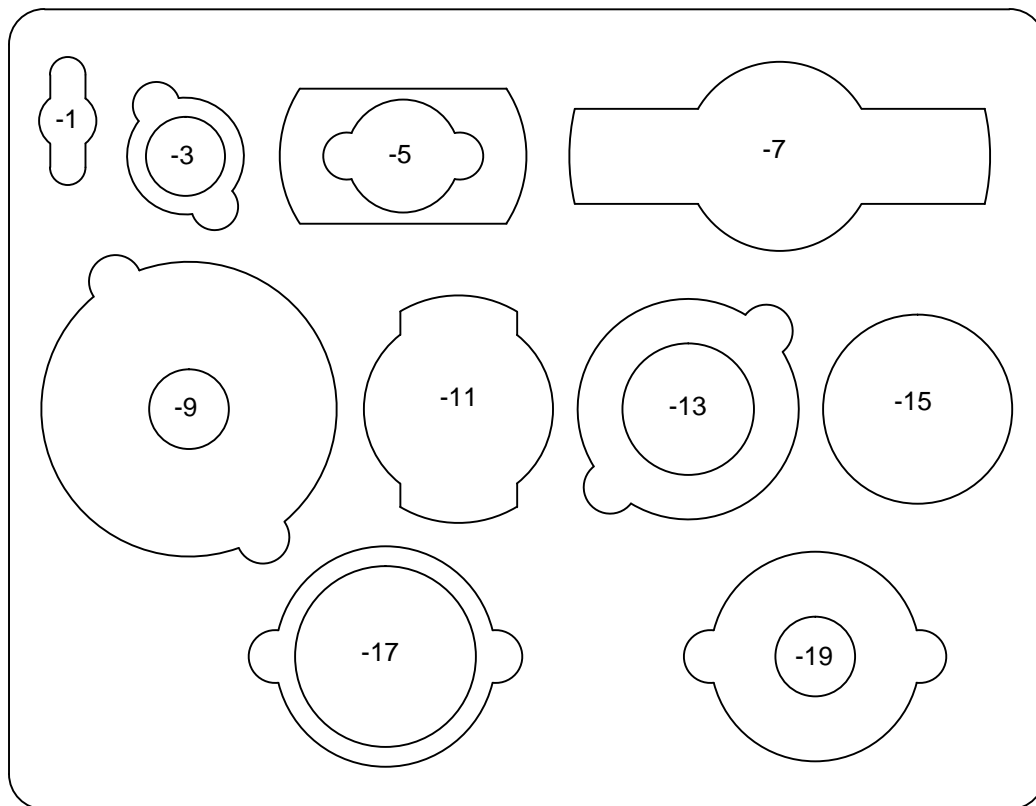
1. ALSO SOLD WITH KIT RBW6305G01531-3G, BOX TWO OF TWO.

RED BARN MACHINE

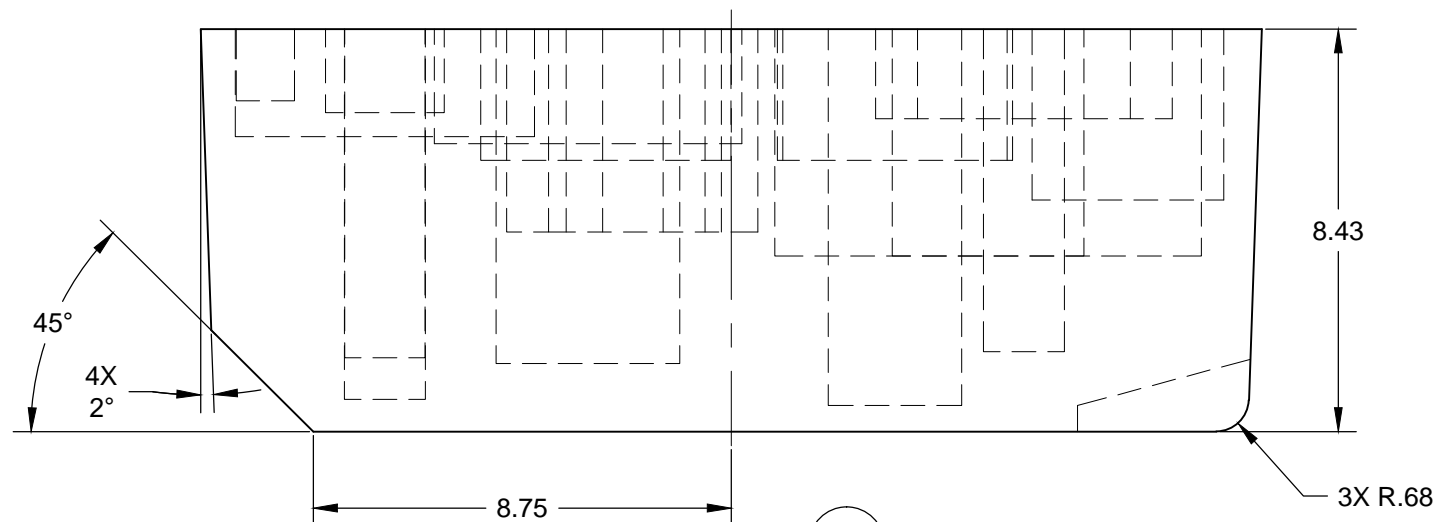
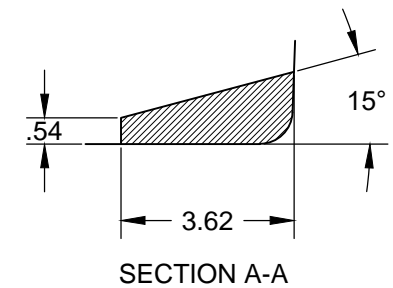
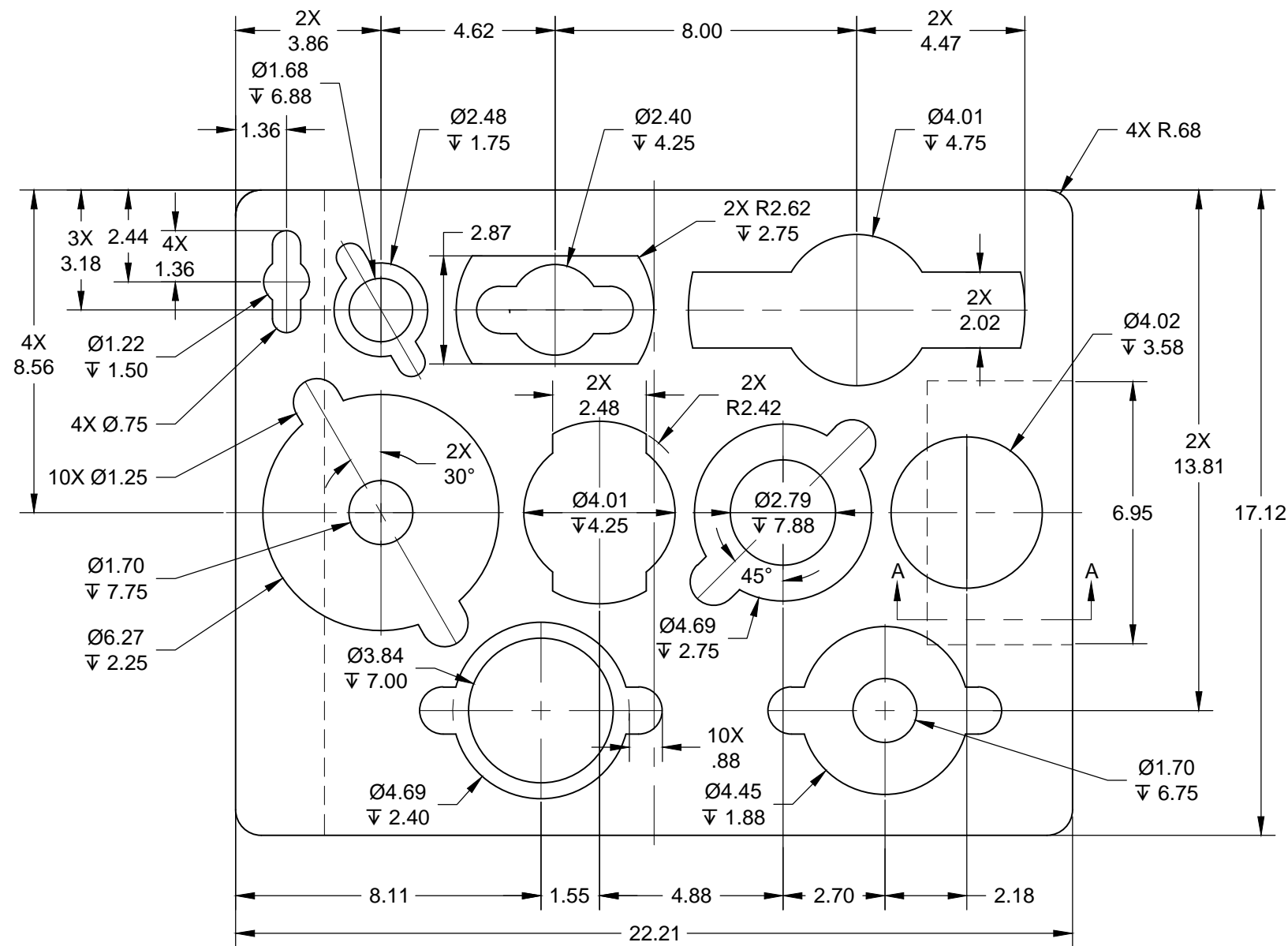
TITLE		MAIN ROTOR DRIVE TOOL KIT 2	
DWG NO.	RBW6305G19731-3G		REV 1C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY: CLOUGH	
TOLERANCES ON:		APPROVED <i>D Weil</i>	
DECIMALS .XXX ± .005		HEAT TREAT	
.XX ± .01		FINISH	
.X ± .1		SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	
SCALE 1:16		AW139	
DATE 2-7-11		SHEET 1 of 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -23 FOAM DIM'S, CH'D Ø4.02 DEPTH FROM 2.50 PER R.W.	3/24/11	RJC	RW
1A	CH'D -23 Ø4.02 HOLE DEPTH FROM Ø3.50 & CORRECTED SIDE VIEW PER D.W. CH'D Ø3.84 HOLE DEPTH FROM 7.75 & Ø4.69 HOL DEPTH FROM 3.00 TO FIT BETTER.	9/16/11	RJC	DW



RED BARN MACHINE	
TITLE MAIN ROTOR DRIVE TOOL KIT 2	
DWG NO. RBW6305G19731-3G	REV 1C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1	METRIC REF. .XXmm ± .1mm FRACTIONS ± 1/32 ANGLES ± 5° UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: CLOUGH	APPROVED <i>D. Weil</i>
HEAT TREAT FINISH SPEC	USED ON MODEL AW139
SCALE 1:4	DATE 2-7-11
SHEET 2 of 6	



-23
BOTTOM FOAM

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -23 FOAM DIM'S, CH'D Ø4.02 DEPTH FROM 2.50 PER R.W.	3/24/11	RJC	RW
1A	CH'D -23 Ø4.02 HOLE DEPTH FROM Ø3.50 & CORRECTED SIDE VIEW PER D.W. CH'D Ø3.84 HOLE DEPTH FROM 7.75 & Ø4.69 HOL DEPTH FROM 3.00 TO FIT BETTER.	9/16/11	RJC	DW

RED BARN MACHINE			
TITLE			
MAIN ROTOR DRIVE TOOL KIT 2			
DWG NO.	RBW6305G19731-3G-23	REV	1C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		DRAWN BY:	CLOUGH
TOLERANCES ON:		APPROVED	<i>D. Weil</i>
DECIMALS .XX ± .005		HEAT	
XX ± .01		TREAT	
X ± 1		FINISH	
X ± 1		SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL	AW139
SCALE	1:4	DATE	2-7-11
		SHEET	3 of 6

REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	CH'D -25 FOAM DIM'S, CH'D CUTOUT TO RECESS FOR -27 & -29 PER R.W.	3/24/11	RJC	RW

SCALE	1:8	DATE	2-7-11	SHEET	4 of 6
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1	ADDED TOOL NUMBER & ITEM NUMBER COLUMN -27 PER R.W.	5/9/11	RJC	RW
1B	-27 CH'D TOOL No..-27 CH'D FROM B/O TO MANUFACTURED.	10/31/13	CFS	RJC
1C	-27 CH'D ITEM NUMBERS WAS 9-18 IS 1-10.	5/30/14	DPD	RJC

5X ARIAL, 3/16 LETTERS

BLACK BACKGROUND
WHITE LINES & LETTERS.

4X R.38

RBW6305G19731-3G CONTENTS LIST				
ITEM	TOOL No.	DESCRIPTION	QTY	
1	RBW6305G19151-3G	GUIDE, FAN DRIVE QUILL SEAL HOUSING INSTALLER	1	
2	RBW6305G16231-3G	TOOL, FAN/ECS DRIVE QUILL LIP SEAL INSTALLER	1	
3	RBW6305G19231-3G	PULLER, ROTOR BRAKE ADAPTER FLANGE REMOVER	1	
4	RBW6305G18631-3G	TOOL, ECS DRIVE QUILL SEAL HOUSING REMOVER	1	
5	RBW6305G18331-3G	TOOL, ECS DRIVE QUILL LIP SEAL REMOVER	1	
6	RBW6305G16031-3G	TOOL, DRIVE QUILL SEAL HOUSING REMOVER	1	
7	RBW6305G14831-3G	TOOL, T/R DRIVE QUILL LIP SEAL REMOVER	1	
8	RBW6305G14631-3G	TOOL, T/R DRIVE QUILL SEAL HOUSING REMOVER	1	
9	RBW6305G15731-3G	TOOL, T/R DRIVE QUILL LIP SEAL INSTALLER	1	
10	RBW6305G16831-3G	TOOL, FAN DRIVE QUILL LIP SEAL REMOVER	1	


ARIAL, 1/8 LETTERS

6.50

6.75

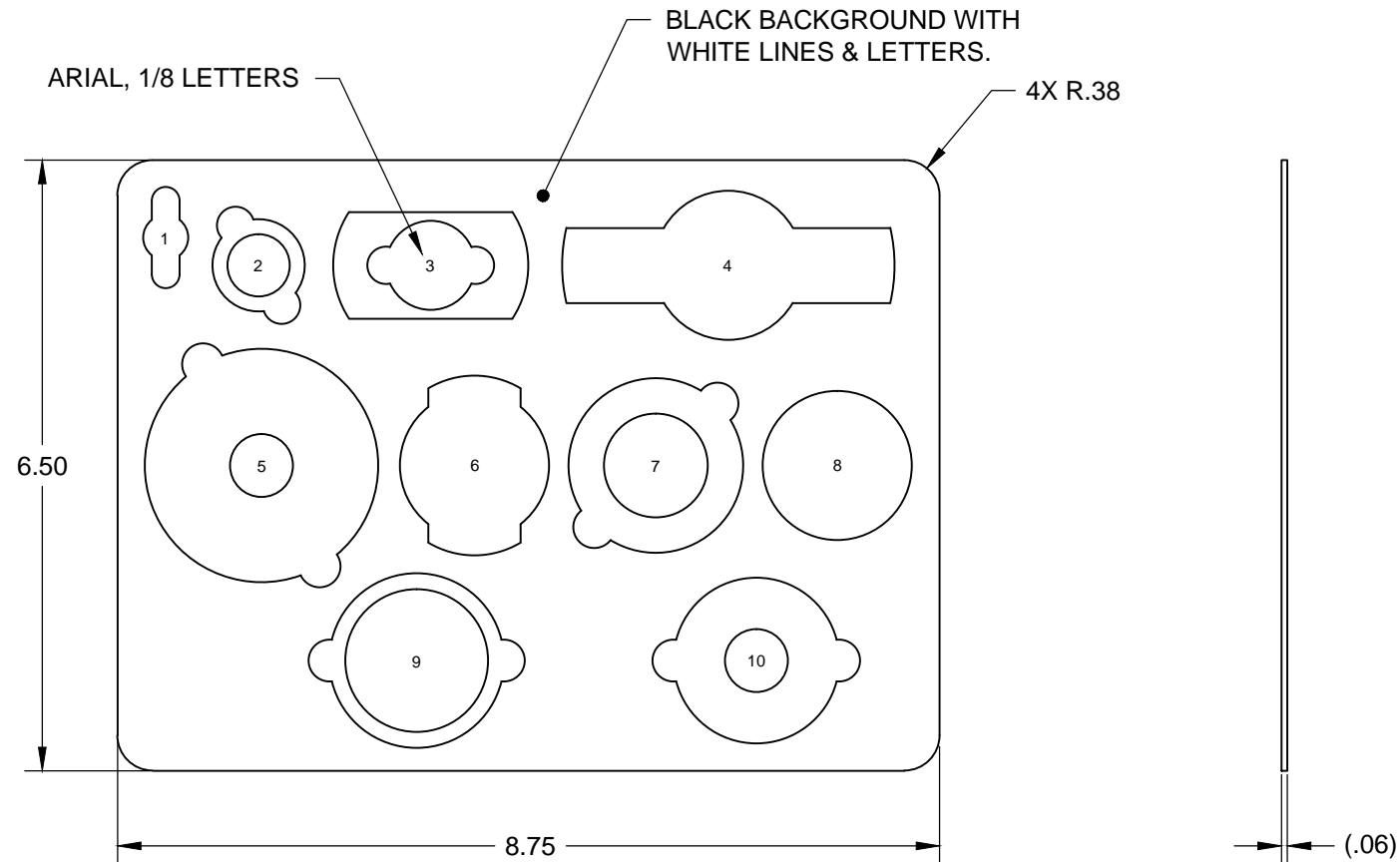
(.06)

-27
INSIDE PLACARD


 RED BARN MACHINE			
TITLE MAIN ROTOR DRIVE TOOL KIT 2			
DWG NO. RBW6305G19731-3G-27		REV 1C	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1		DRAWN BY: CLOUGH APPROVED: <i>D Weil</i> HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR. 015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW139	
SCALE 1:2	DATE 2-7-11	SHEET 5 of 6	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED
1B	-29 CH'D FROM B/O TO MANUFACTURED.	10/31/13	CFS	RJC



-29
TOOL LAYOUT PLACARD

 RED BARN MACHINE			
TITLE MAIN ROTOR DRIVE TOOL KIT 2			
DWG NO.	RBW6305G19731-3G-29	REV	1C
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON: DECIMALS .XXX ± .005 .XX ± .01 .X ± .1 METRIC REF. .XXmm ± .1mm FRACTIONS ± 1/32 ANGLES ± 5°		DRAWN BY: CLOUGH APPROVED: <i>D Weil</i> HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING		USED ON MODEL AW139	
SCALE	1:2	DATE	2-7-11
SHEET		6 of 6	